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Owner's Manual

SmartPro® Rackmount Intelligent, Line-Interactive UPS System

Model: SMART3000RMOD2U

• 110/120/127V Sine Wave Input/Output • 3000VA

Not suitable for mobile applications.

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TRIPP·LITE
POWER PROTECTION

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Introduction

SAVE THESE INSTRUCTIONS. This manual contains important instructions and warnings that should be followed during the installation and maintenance of this UPS system.

UPS Location Warnings

- The UPS is extremely heavy. Use caution when lifting and installing.
- Install the UPS indoors, away from excess moisture or heat, direct sunlight, dust and conductive contaminants.
- Install the UPS in a structurally sound area.
- Only operate the UPS at indoor temperatures between 32° F and 104° F (between 0° C and 40° C). For best results, keep indoor temperatures between 62° F and 84° F (between 17° C and 29° C).
- Leave adequate space around all sides of the UPS for proper ventilation. Do not obstruct its ventilation fans or openings.
- Do not install the UPS near magnetic storage media, as this may result in data corruption.
- If you are installing the UPS in a stack configuration, always stack the power module above the battery module(s) if present.
- **Do not mount unit with its front or rear panel facing down (at any angle). Mounting in this manner will seriously inhibit the unit's internal cooling, eventually causing product damage not covered under warranty.**

UPS Connection Warnings

- The power supply for this unit must be rated in accordance with the equipment nameplate. It also must be suitably grounded.
- Connect the UPS system only to a NEMA L5-30R receptacle (outlet).
- Connect the UPS to a properly grounded AC power source. Do not modify the input connection in a way that would eliminate the connection to ground.
- Do not use adapters that eliminate the connection to ground.
- Do not connect the UPS input to its output; this will damage the UPS and void the warranty.
- If you are connecting the UPS to a motor-powered AC generator, the generator must provide filtered, frequency-regulated computer-grade output. Connecting the UPS to a generator will void its Ultimate Lifetime Insurance.

Equipment Connection Warnings

- Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide
- The UPS is connected to a DC energy source (battery). The output terminals may be live even when the UPS is not connected to an AC power source.
- Do not connect surge suppressors or extension cords to the output of the UPS. This might overload the UPS and will void the surge suppressor and UPS warranties.

Maintenance Warnings

- The UPS does not require routine maintenance. Do not open the UPS for any reason. There are no user-serviceable parts inside.

Battery Warnings

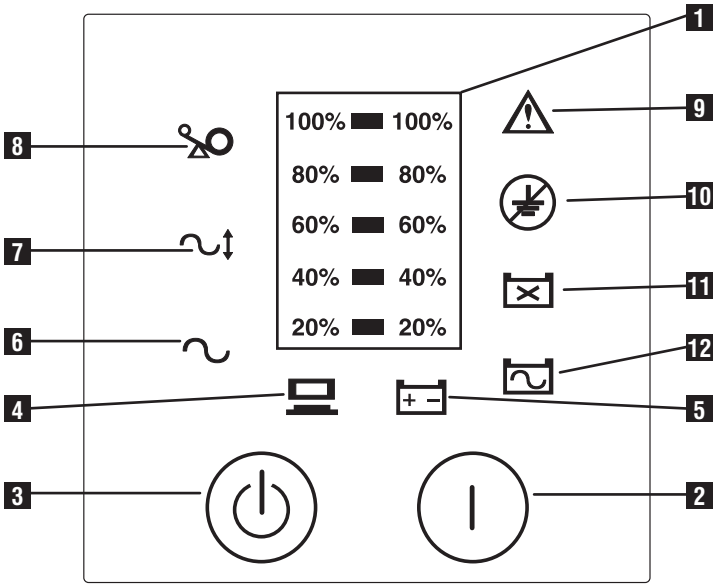
- Connect only Tripp Lite battery packs to the battery connectors. Connect battery packs of the correct voltage and type.
- Batteries can present a risk of electrical shock and burn from high short-circuit current. Observe proper precautions. Do not dispose of the batteries in a fire. Do not open the UPS or batteries. Do not short or bridge the battery terminals with any object. Unplug and turn off the UPS before performing battery replacement. Use tools with insulated handles. There are no user-serviceable parts inside the UPS. Battery replacement should be performed only by authorized service personnel using the same number and type of batteries (Sealed Lead-Acid). The batteries are recyclable. Refer to your local codes for disposal requirements or in the USA only call 1-800-SAV-LEAD or 1-800-8-BATTERY (1-800-822-8837) or visit www.rbrc.com for recycling information. Tripp Lite offers a complete line of UPS System Replacement Battery Cartridges (R.B.C.).Visit Tripp Lite on the Web at www.tripplite.com/support/battery/index.cfm to locate the specific replacement battery for your UPS.
- Do not open or mutilate the batteries. Released electrolyte is harmful to the skin and eyes, and may be toxic.
- Fuses should be replaced only by factory-authorized personnel. Blown fuses should be replaced only with fuses of the same number and type.
- Service and repair should be performed only by trained personnel. During any service work to the UPS, it should be turned off.
- Do not connect or disconnect external battery pack(s) while the UPS is operating from the battery supply.
- During hot-swap battery pack replacement, the UPS will not provide backup power in the event of a blackout or other power interruption.

Features

The SMART3000RMOD2U UPS System features a hot-swappable power module. When the bracket holding the power module in place is removed (there is no manual bypass switch on the unit), the UPS automatically switches to "BYPASS" mode. This allows the power module to be removed for maintenance, repair or replacement without disrupting power to connected loads. Review the location and function of the UPS system's features before installing and operating it.

Front Control Panel

1. **"Load/Battery" Bar Graph:** This display indicates the power load and battery levels.
2. **"On" Button:** Press this button and hold it for one second until you hear a beep to turn the UPS System ON. If the battery alarm is sounding, press this button to silence it.
3. **"Off/Standby" Button:** Press this button and hold it for one second to turn the UPS system OFF.
4. **"Load Level" LED (Green):** This LED illuminates when the Load/Battery Bar Graph is displaying the load level.
5. **"Battery Capacity" LED (Green):** This LED illuminates when the Load/Battery Bar Graph is displaying the battery capacity.
6. **"AC Mode" LED (Green):** This LED illuminates when the UPS System is ON and supplying connected equipment with AC power from a utility source.
7. **"Automatic Voltage Regulation (AVR) Mode" LED (Yellow):** This LED illuminates whenever the UPS system is lowering voltage and blinks continuously when the UPS is boosting voltage.
8. **"Overload" LED (Red):** When this LED is illuminated, the load is >105%. Clear the overload immediately by unplugging some of your equipment from the outlets until the LED changes from red to yellow (or green). **CAUTION! Any overload that is not immediately corrected by the user may cause the UPS to shut down and cease supplying output power in the event of a blackout or brownout.**
9. **"UPS Fault" LED (Red):** This LED illuminates if the UPS system has an internal fault.
10. **"Site Wiring Fault" LED (Red):** This LED illuminates if the UPS system detects a site wiring problem.
11. **"Battery Fault" LED (Yellow):** This LED illuminates if the UPS system senses a weak, bad or disconnected battery.
12. **"On Battery" LED (Green):** This LED illuminates if the UPS system is operating from battery power.



Features *(continued)*

Rear Panel

1 **External Battery Connector:** Use this connector to attach one or more Tripp Lite optional external battery packs to the power module. Remove the retention bracket for access. Check to ensure that the external battery pack you are connecting matches the voltage listed next to the battery connector. Refer to the battery pack owner's manual for additional connection instructions and safety warnings.

2 **Serial and USB Ports:** These serial (RS-232 DB9) and USB ports enable optional connection of the UPS to corresponding ports on a workstation or server. When the UPS System is connected to a computer via the included serial or USB cable, Tripp Lite's PowerAlert Software can be used to monitor and control the UPS System. PowerAlert can also save files and shut down computers automatically during extended power failures.

3 **Battery Configuration Port (RJ-45):** This port enables the UPS to automatically detect up to four external Tripp Lite battery packs and estimate the remaining battery run time. **NOTE: This port will only detect external battery packs that support this feature.**

4 **Accessory Slot:** Remove the slot's cover to install an optional internal SNMP/Web accessory card (Model: SNMPWEBCARD) to enable remote UPS monitoring and control via SNMP, Web or telnet. Call (773) 869-1234 or go to www.tripplite.com to learn about available SNMP, network management and connectivity products. The accessory slot also accepts Tripp Lite's Relay I/O Card (Model: RELAYIOCARD).

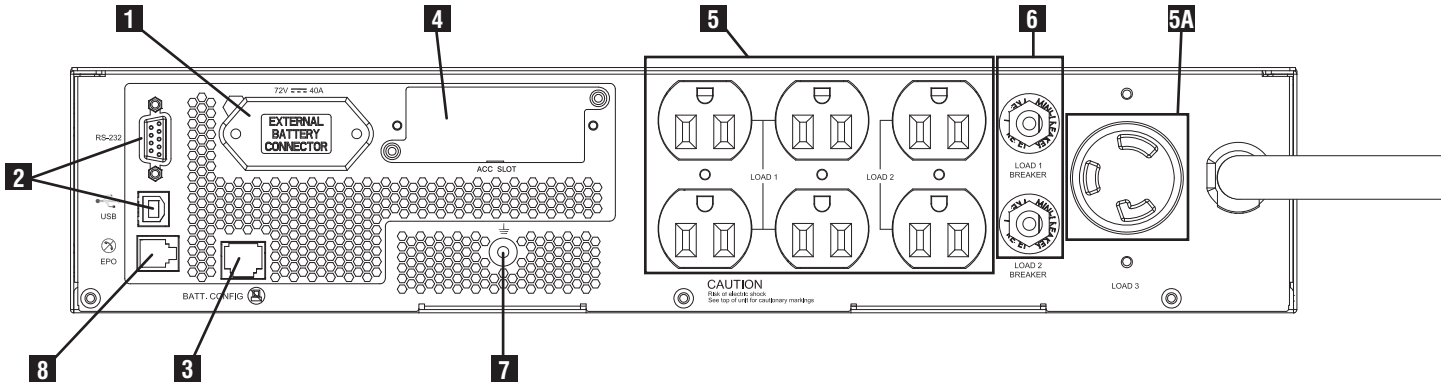
5 **5 AC Output Receptacles (Outlets):** These six NEMA 5-15R outlets accept NEMA 5-15P plugs (four outlets for Load 1 and two outlets for Load 2).
5A This NEMA L5-30R outlet accepts a NEMA L5-30P plug (Load 3).

6 **AC Output Breakers:** These breakers prevent the AC output receptacles from operating when they are overloaded.

7 **Ground Screw:** Provides optional grounding for the UPS.

8 **EPO (Emergency Power Off) Port (RJ-11):** This port enables optional connection to a facility's Emergency Power Off circuit for emergency shutdown of the UPS inverter. (See "Optional Installation" section for more information.) **CAUTION! Do not connect a telephone line to this port.**

NOTE: For additional information, see "Optional Installation" section.



Mounting

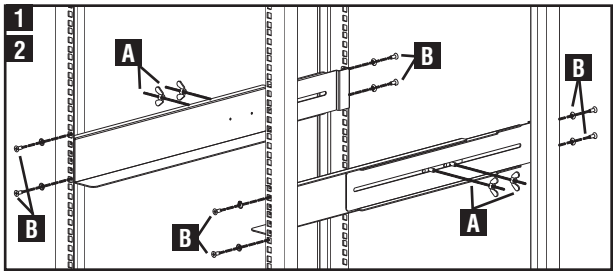
Mounting (4-Post Rackmount)

The UPS includes rackmount shelf kits for 4-post rackmounting. The user must determine the fitness of hardware and procedures before mounting. If hardware and procedures are not suitable for your application, contact the manufacturer of your rack or rack enclosure. The procedures described in this manual are for common rack and rack enclosure types and may not be appropriate for all applications.

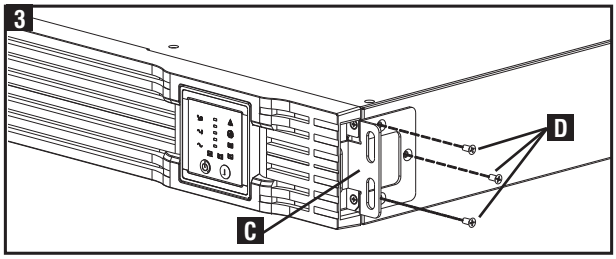
WARNING! The UPS system is heavy. Use caution when lifting and mounting. User must properly stabilize the UPS when lifting and mounting.

1 Connect the two segments of each shelf using the included screws and wing nuts **A**. Leave the screws slightly loose so that the shelves can be adjusted in the next step.

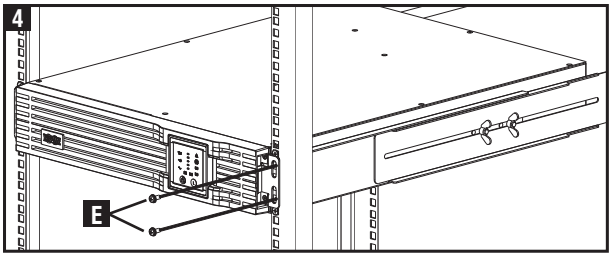
2 Adjust each shelf to fit the rack, then mount them in the lowest available space of the rack with the screws, nuts and washers provided **B**. Note that the support ledges should face inward. Tighten the wingnuts that connect the shelf segments.



3 Attach mounting ears **C** to the front mounting holes of the UPS using the screws provided **D** . The ears should face forward.



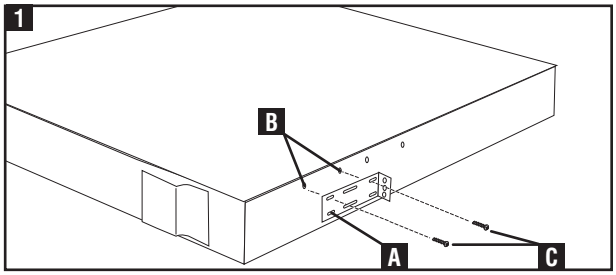
4 Using an assistant (if necessary), lift the UPS and slide it onto the mounting shelves. Attach the UPS to the rack by inserting the appropriate hardware **E** through the mounting ears and into the rack rails.



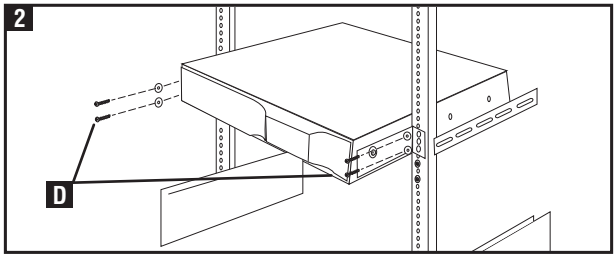
2-Post (Telecom) Mounting

If you mount the SMART3000RMOD2U in a 2-post rack, it requires the addition of a Tripp Lite 2-Post Rackmount Installation Kit (Model: 2POSTRMKITWM, sold separately).

1 Attach mounting ears **A** to the front mounting holes of your UPS **B** using the screws provided **C**. The ears should face backward.



2 Using an assistant if necessary, lift your UPS and slide it onto the mounting shelves. Attach your UPS to the rack by passing the screws, nuts and washers provided **D** through its mounting ears and into the rack rails.



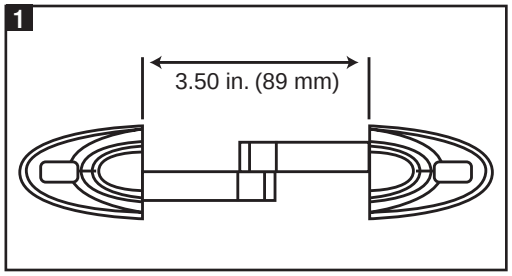
Mounting *(continued)*

Mounting (Tower)

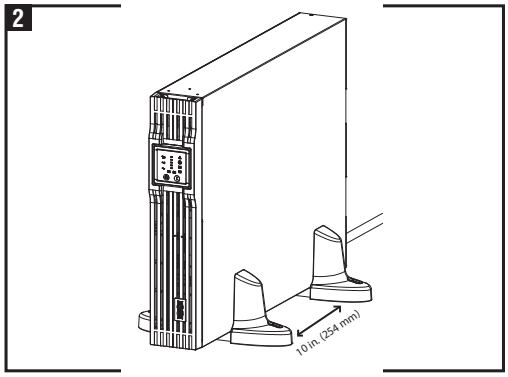
Mount the UPS System in a vertical or tower position using 2-9USTAND base stands (sold separately). The user must determine the fitness of hardware and procedures before mounting.

WARNING! The UPS system is extremely heavy. Use caution when lifting and mounting. User must properly stabilize the UPS when lifting and mounting.

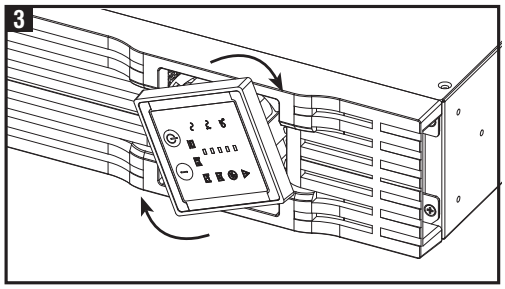
1 Adjust each stand to a width of 3.50 inches (89 mm) to match the UPS. Align the stands approximately 10 inches (254 mm) apart.



2 Have one or more assistants help you place the UPS on its side in the stands. Place the UPS so that its control panel is on top and facing outward.



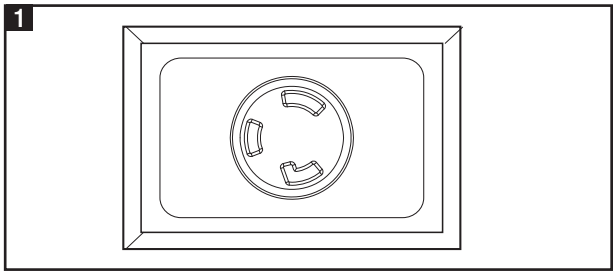
3 Rotate the control panel for easy viewing while the UPS is mounted in tower position. Gently pull the panel out; rotate it; Gently push the panel back into place.



Quick Installation

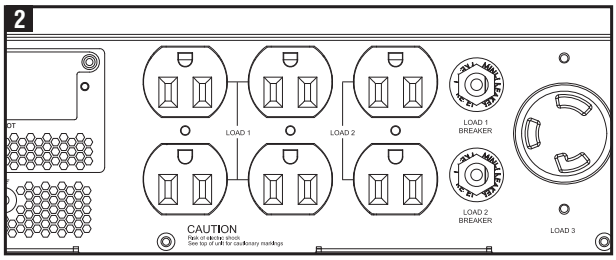
1 Plug the UPS into an outlet on a dedicated circuit.

NOTE: After you plug the UPS into a live AC outlet, the UPS will automatically charge its batteries* and will supply power to its outlets unless the unit is turned OFF (see Step 3 below).



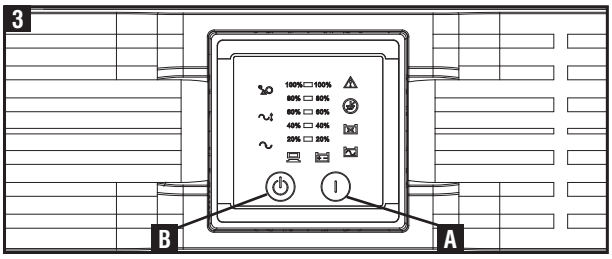
2 Plug your equipment into the UPS.*

** Your UPS is designed to support only electronic equipment. You will overload the UPS if the total VA ratings for all the equipment you connect exceeds the UPS's Output Capacity. To find your equipment's VA ratings, look on their nameplates. If the equipment is listed in amps, multiply the number of amps by 120 to determine VA. (Example: 1 amp × 120 = 120 VA). If you are unsure if you have overloaded the UPS's outlets, see "OVERLOAD" LED description in the "Basic Operation" Section.*



3 Turn the UPS OFF.

Press and hold the "OFF" button **A** for one second. This will set the unit to "Standby" mode. Release the button. The UPS output will be OFF.



Voltage Selection

Your UPS system features an "Output Selection" mode that allows you to select the voltage once the UPS is turned on. **NOTE: Your UPS system's default setting is 120V**.

To select voltage: In AC mode, press and hold both "ON" **A** and "OFF/STANDBY" **B** buttons to put the UPS in "Output Selection" mode. Press "ON" button to select output voltage from 110 (40% LED flashing), 120 (60% LED flashing) or 127V (80% LED flashing). After selecting voltage, press and hold "OFF/STANDBY" button to exit.

WARNING! Make sure to plug your equipment into the UPS before you select the voltage.

Optional Installation

The following connections are optional. The UPS system will function properly without these connections.

1 USB and Serial Communication Connection

Use the included USB cable **1a** and/or RS-232 DB9 serial cable **1b** to connect the communication port of a computer to the communication port of the UPS. Install the PowerAlert software appropriate for the computer's operating system. Consult the PowerAlert manual for more information.

2 EPO Port Connection

This optional feature is only for those applications that require connection to a facility's Emergency Power Off (EPO) circuit. When the power module is connected to this circuit, it enables emergency shutdown of the UPS system's output. Using the included cable **2a**, connect the EPO port to a user-supplied normally closed or normally open switch. The pin assignment for the EPO port is shown in diagram **2b**.

NOTE: The EPO port is not a phone line surge suppressor; do not connect a phone line to this port.

3 External Battery Connection

Your UPS comes with a robust internal battery system; external batteries are needed only to extend runtime. Adding external batteries will increase recharge time as well as runtime.

NOTE: Do not connect or disconnect battery packs when the UPS is running on battery power.

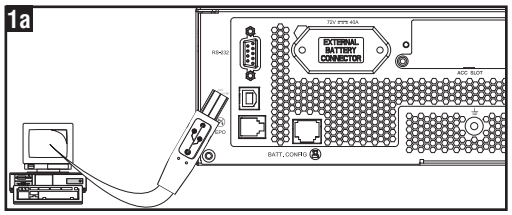
The illustration (see **3**) shows the location of your UPS's External Battery Connector, where you will insert the battery pack cable. Complete installation instructions for your battery pack appear in the battery pack owner's manual. Make sure that cables are fully inserted into their connectors. Small sparks may result during battery connection; this is normal.

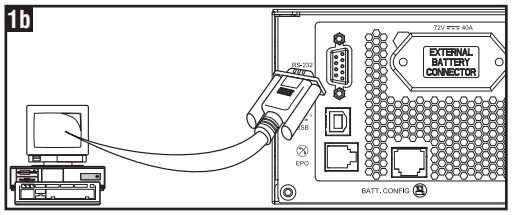
The Battery Configuration Port automatically detects up to four external Tripp Lite battery packs and also estimates the remaining battery run time. Using the included RJ-45 cable **3a**, connect the Battery Configuration port to a user-supplied Tripp Lite external battery pack.

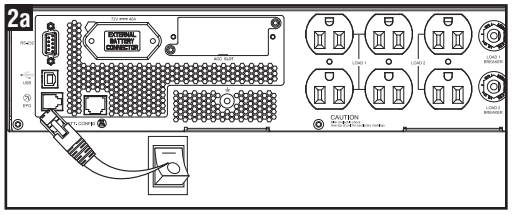
NOTE: The Battery Configuration Port will only detect Tripp Lite external battery packs that support this feature. To determine whether a battery pack supports this feature, consult the battery pack owner's manual. Do not connect to a network.

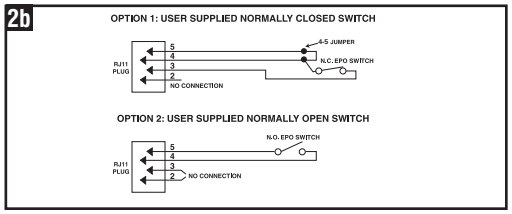
4 Internal SNMP/WEB or Relay I/O Card Insertion

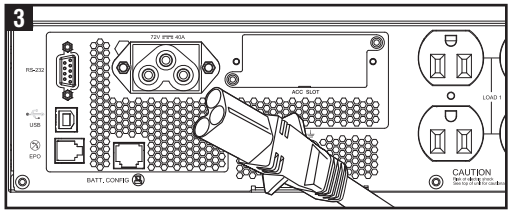
Remove the slot's cover to install an optional internal SNMP/Web accessory card (Model: SNMPWEBCARD) to enable remote UPS monitoring and control via SNMP, Web or telnet. Contact Tripp Lite Customer Support at (773) 869-1234 for more information, including a list of available SNMP, network management and connectivity products. The accessory slot also supports an optional Tripp Lite programmable UPS management device (Model: RELAYIOCARD). This device that allows you to monitor UPS status and events and perform remote system shutdowns and battery tests.

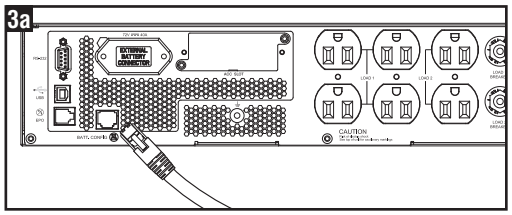


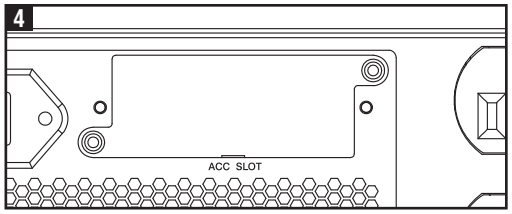






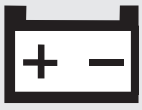






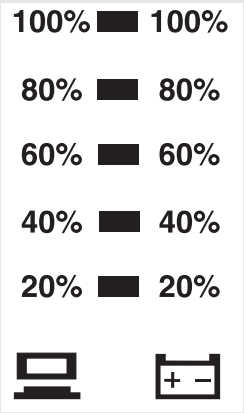
Basic Operation

Indicator Lights (Front Panel)

	"ON" Button • **To turn the UPS ON:** with the UPS plugged into a live AC wall outlet, press and hold the "ON" button for one second. Release the button after you hear a beep. If utility power is absent, you can "cold-start" the UPS (i.e.: turn it ON and supply power for a limited time from its batteries, if they're fully charged) by pressing and holding the "ON" button for one second until you hear a beep. • **To perform a battery test during AC mode:** press and hold the "ON" button for one second. Release the button after you hear a beep. • **To silence the alarm during On Battery mode:** press and hold the "ON" button for one second. Release the button.
	"OFF/STANDBY" Button • **To turn the UPS OFF:** with the UPS ON and receiving utility power, press and hold the "OFF/STANDBY" button for one second. Then unplug the UPS from the wall outlet. The UPS will be completely OFF.* ** After you plug the UPS into a live AC outlet, the UPS will automatically charge its batteries and will supply power to its outlets unless the unit is turned OFF.*
	"Overload" LED: if this light is illuminated, the load is >105%. Clear the overload immediately by unplugging some of your equipment from the outlets until the LEDs on the Load Level graph change to yellow (100% load) or green (20 to 80% load). **CAUSTION! Any overload that is not immediately corrected by the user may cause the UPS to shut down and cease supplying output power in the event of a blackout or brownout.**
	"Automatic Voltage Regulation" (AVR) mode LED: if the UPS is operating in AVR mode, this yellow light will be illuminated. The UPS will boost or trim the input voltage to regulate the output voltage.
	"AC mode" LED: if the input voltage is within acceptable range, this green LED will be illuminated.
	"UPS Fault" LED: this red LED is illuminated when there is an internal fault in the UPS.
	"Site Wiring Fault" LED: this red LED will illuminate when the UPS senses a site wiring problem.
	"Battery Fault" LED: when the unit senses a weak, bad or disconnected battery, this yellow light will illuminate.
	"On Battery" mode LED: if UPS is operating from battery power, this green light will be illuminated.
	"Load Level" LED: During AC mode, this green light will illuminate and the LED bars will indicate the level of output load.
	**"Battery Capacity" LED:** During battery mode or battery test mode, this green light will illuminate and the LED bars will indicate the battery capacity.

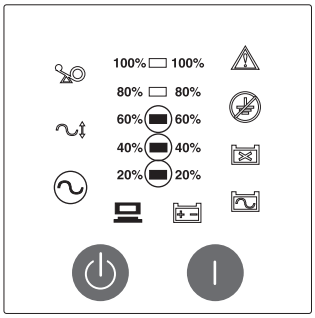
Basic Operation *(continued)*

Load Level/Battery Capacity Indicator Lights (Front Panel)

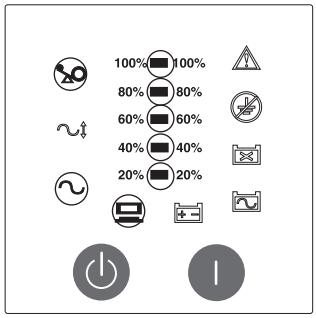
	**"Load/Battery" Bar Graph:** The LED bars indicate the level of the output load and battery capacity.
	100% Load/Battery Bar LED **Load Bar graph:** 81%-105% load (Yellow) **Battery Bar Graph:** 81%-100% battery capacity (Green)
	80% Load/Battery Bar LED **Load Bar graph:** 61%-85% load (Green) **Battery Bar Graph:** 61%-80% battery capacity (Green)
	60% Load/Battery Bar LED **Load Bar graph:** 41%-65% load (Green) **Battery Bar Graph:** 41%-60% battery capacity (Green)
	40% Load/Battery Bar LED **Load Bar graph:** 21%-45% load (Green) **Battery Bar Graph:** 21%-40% battery capacity (Green)
	20% Load/Battery Bar LED **Load Bar graph:** 0%-25% load (Green) **Battery Bar Graph:** 0%-20% battery capacity (Red)

Sample LED Displays

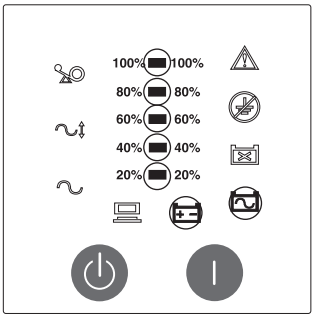
Circled LEDs Display AC Mode with 60% Load



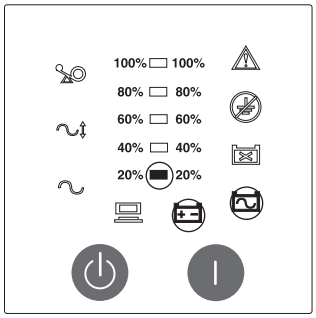
Circled LEDs Display AC Mode During Overload Condition



Circled LEDs Display Battery Mode with 100% Battery Capacity

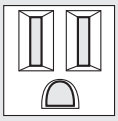
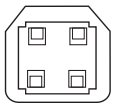
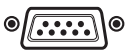
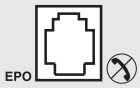
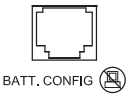
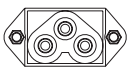


Circled LEDs Display Battery Mode with 20% Battery Capacity



Basic Operation *(continued)*

Other UPS Features (Rear Panel)

 *15 amp/120V* *NEMA 5-15/20R* *30 amp/120V* *NEMA L5-30R*	**AC Receptacles:** The SMART3000RMOD2U UPS features six 15-amp outlets and one 30-amp outlet. These output receptacles provide your connected equipment with AC line power during normal operation and battery power during blackouts and brownouts. The UPS protects equipment connected to these receptacles against damaging surges and line noise. With the serial or USB connection to your UPS, you can also remotely reboot connected equipment by turning the receptacles OFF and ON using Tripp Lite's PowerAlert software and SNMPWEBCARD.
 	**Communications Ports (USB and RS-232):** These ports connect your UPS to a workstation or server. Use with Tripp Lite's PowerAlert software and included cables to enable your computer to automatically save open files and shut down equipment during a blackout. Also use PowerAlert software to monitor a wide variety of AC line power and UPS operating conditions. Consult your PowerAlert software manual or contact Tripp Lite Customer Support for more information.
 	**EPO (Emergency Power Off) Port:** Your UPS features a EPO port that may be used to connect the UPS to a contact closure switch to enable emergency inverter shutdown. See "Optional Installation".
 	**Battery Configuration Port:** This port enables the UPS to automatically 1) detect how many external Tripp Lite battery packs (that support this feature) are attached to the UPS and 2) estimate the remaining battery run time. The SMART3000RMOD2U detects up to 4 external Tripp Lite battery packs.
	Accessory Slot: Remove the small cover panel from this slot to install optional accessories (such as Tripp Lite's Relay I/O Card) to remotely monitor and control your UPS. Refer to your accessory's manual for installation instructions. Contact Tripp Lite Customer Support at (773) 869-1234 for more information, including a list of available SNMP, network management and connectivity products.
	**External Battery Connector:** Use to connect optional Tripp Lite external battery packs for additional runtime. Small sparks may result during battery connection; this is normal. Do not connect or disconnect battery packs while the UPS is running on battery power (the "ON BATTERY" LED will be lit on the control panel).
	Output Breakers: Your UPS features one or more breakers that protect your UPS from output overload. If one or more breakers trip, remove some of the load on the circuit(s), then reset them by pressing the breaker switch(es) in.
	Ground Screw: Use this to connect any equipment that requires a chassis ground.

Power Module Replacement

The SMART3000RMOD2U features a hot-swappable power module. There is no manual bypass switch on the unit. However, when the bracket holding the power module in place is removed (see Step #3 below), the UPS will automatically switch to "BYPASS" mode, allowing the power module to be removed for maintenance, repair or replacement without disrupting power to connected loads. While the UPS is in "BYPASS" mode, connected equipment will receive unfiltered AC mains power, but the equipment will not receive battery power in the event of a blackout. **NOTE: Do not turn off the UPS when removing the power module. Doing so will turn off the rear output. Do not remove the power module while operating from battery power.**

Step 1: Remove front panel **A**.

Step 2: Disconnect battery connectors **B**.

Step 3: Remove the screws that hold power module in place. Remove smaller bracket covering bypass switch **C**.

Step 4: Remove power module **D**.

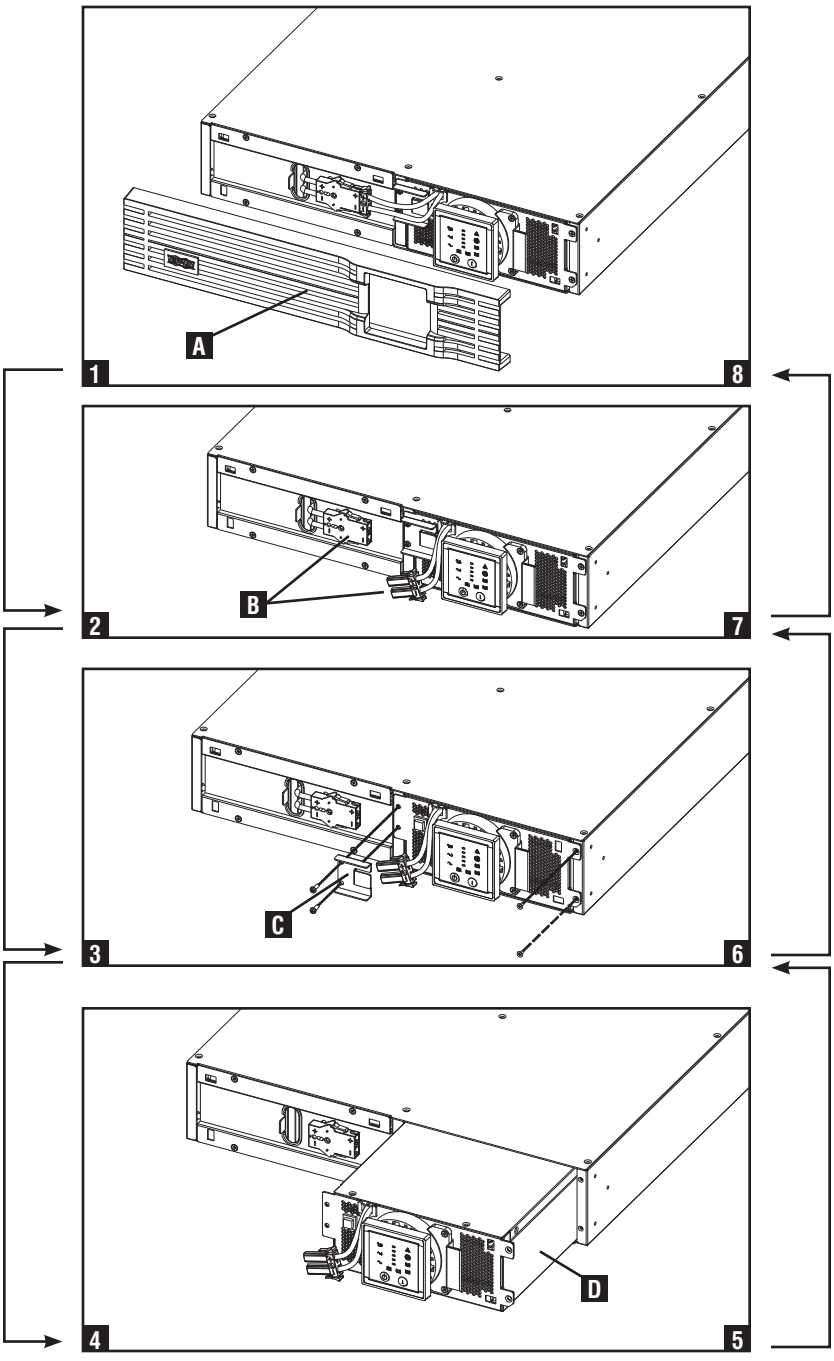
Step 5: Add new power module **D**.

Step 6: Replace the bypass switch bracket **C** and replace screws to secure power module to UPS.

Step 7: Connect battery connectors **B**. Attach connectors black-to-black and red-to-red.

Step 8: Replace front panel **A**.

Step 9 (Not shown): Press "On" button until unit beeps.



Battery Replacement

Step 1: Remove front panel **A**.

Step 2: Disconnect battery connectors **B**.

Step 3: Remove the screws **C** that secure the battery retention bracket in place.

Step 4: Remove battery retention bracket **D**.

Step 5: Remove/recycle battery **E**.

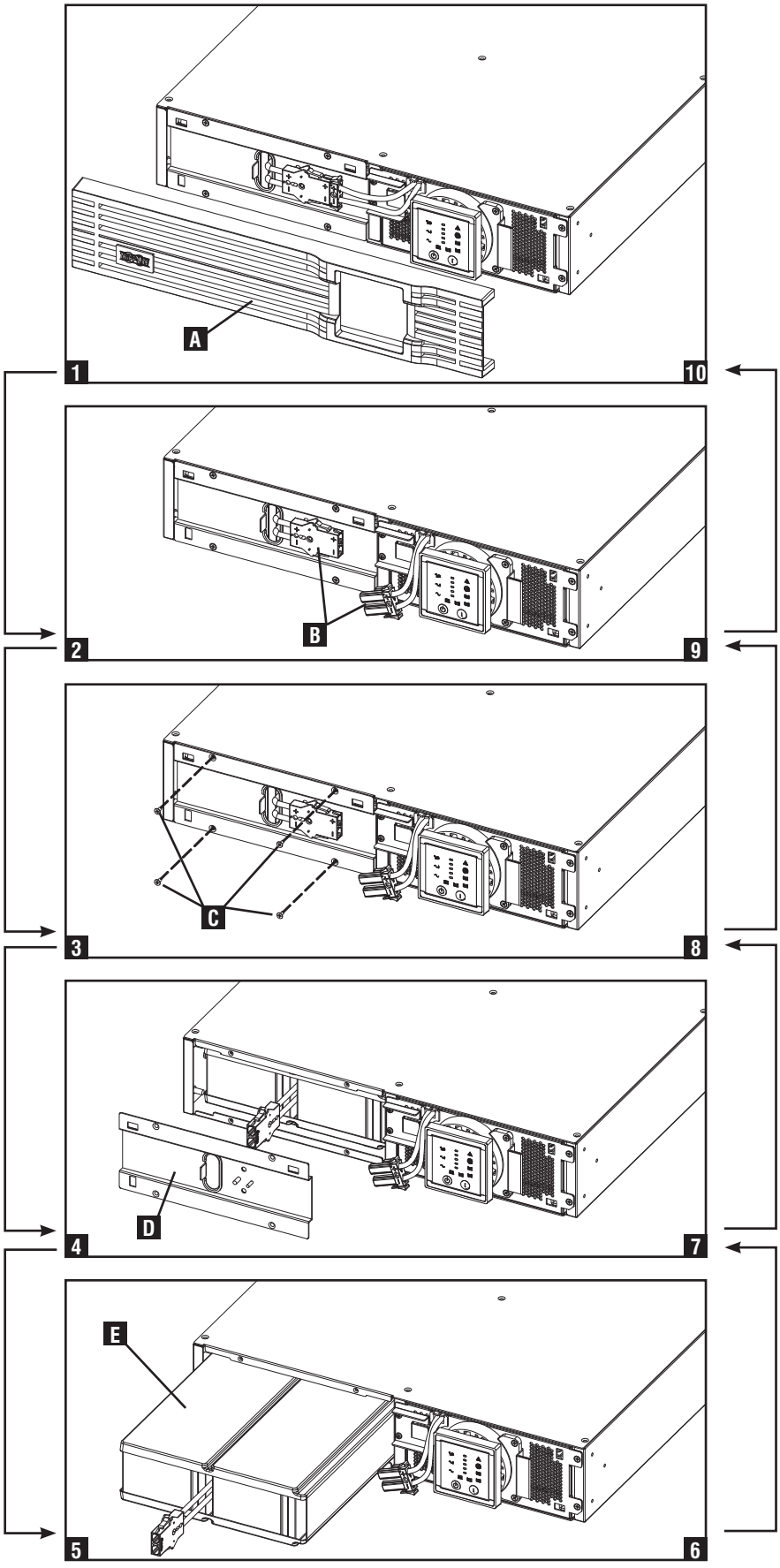
Step 6: Replace the battery **E**.

Step 7: Re-attach battery retention bracket **D**.

Step 8: Replace screws **C** to secure battery retention bracket in place.

Step 9: Connect battery connectors **B**. Attach connectors black-to-black and red-to-red.

Step 10: Replace front panel **A**.



Storage

Before storing your UPS, turn it completely OFF. If you store your UPS for an extended period of time, recharge the UPS batteries for 4 to 6 hours once every three months. **NOTE: After you connect the UPS to utility power, it will automatically begin charging its batteries. If you leave your UPS batteries discharged for an extended period of time, they will suffer a permanent loss of capacity.**

Service

Before returning your UPS for service, follow these steps:

1. Review the installation and operation instructions in this manual to ensure that the service problem does not originate from a misreading of the instructions.

2. If the problem continues, do not contact or return the UPS to the dealer. Instead, call Tripp Lite at (773) 869-1233. A service technician will ask for the UPS's model number, serial number and purchase date and will attempt to correct the problem over the phone.

3. If the problem requires service, the technician will issue you a Returned Material Authorization (RMA) number, which is required for service. They will also discuss proper packaging and shipping procedures. Any damages (direct, indirect, special, incidental or consequential) to the UPS incurred during shipment to Tripp Lite or an authorized Tripp Lite service center is not covered under warranty. UPS Systems shipped to Tripp Lite or an authorized Tripp Lite service center must have transportation charges prepaid. Mark the RMA number on the outside of the package. If the UPS System is within the 2-year warranty period, enclose a copy of your sales receipt. Return the UPS for service using an insured carrier to the address given to you by the Tripp Lite service technician.

Warranty

2-YEAR LIMITED WARRANTY

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of 2 years (except internal UPS System batteries outside USA and Canada, 1 year) from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, in its sole discretion. Service under this Warranty can only be obtained by your delivering or shipping the product (with all shipping or delivery charges prepaid) to: Tripp Lite; 1111 W. 35th Street; Chicago IL 60609; USA. Seller will pay return shipping charges. Call Tripp Lite Customer Service at (773) 869-1234 before sending any equipment back for repair.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLECT. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. (Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction).

Tripp Lite; 1111 W. 35th Street; Chicago IL 60609; USA

WARNING: The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability or fitness of these devices for any specific application.

Warranty Registration

Visit www.tripplite.com/warranty today to register the warranty for your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

** No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.*

FCC Radio/TV Interference Notice:

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. Operation of this equipment is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense. The user must use shielded cables and connectors with this product. Any changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Regulatory Compliance Identification Numbers

For the purpose of regulatory compliance certifications and identification, your Tripp Lite product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to the series number. The series number should not be confused with the marking name or model number of the product.

Tripp Lite follows a policy of continuous improvement. Specifications are subject to change without notice.

Made in China.

Note on Labeling
Two symbols are used on the label.
V~ : AC Voltage
V ⎓ : DC Voltage

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